LETHOCERUS MAYR, 1853 (INSECTA, HEMIPTERA, BELOSTOMATIDAE); PROPOSED CONSERVATION IN PLACE OF ILIASTUS GISTEL [1847]. Z.N.(S.) 2161

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The purpose of this petition is to ask the Commission to use its plenary powers to suppress for purposes of priority the generic name *Iliastus* Gistel [1847] so that continued usage of the well-known giant water bug genus *Lethocerus* Mayr, 1853 will be maintained.

2. Iliastus was published in two different books with identical entomological textual content: Gistel (1848:149, reprinted 1851) and Gistel [1847] in Gistel & Bromme ([1847]-1850: 490). Apparently the insect part of the latter work has priority. Both Sherborn's "Index Animalium" and Neave's "Nomenclator Zoologicus" cite Iliastus as [1847] in Gistel & Bromme although only the date 1850 appears on the title page. In any case, the name predates Lethocerus Mayr by several years. In the two Gistel works the wording of the belostomatid sections is identical. Iliastus is mentioned within his treatment of the genus Belostoma: "Hieher Iliastus (mihi) grandis, eine Nepa, unbekannt woher (in meiner Sammlung). 3" lang und 1 1/2" brett (eigens zu beschreiben [it never was]). Die grösste Wanze die ich je gesehen." This appears on: 149 of the 1848 work and on: 490 of the [1847] work. Although Iliastus is cited under the general heading of Belostoma, it is not clearly a manuscript name cited in synonymy, especially since it is separately indexed and preceded there by an asterisk indicating that it is a new taxon.

3. The association of the name Nepa grandis, the well-known (even in those days) Linnean giant water bug, with the name Iliastus, makes it the type-species by monotypy. Thus, the availability and identity of Iliastus is assured. Linnaeus' grandis, described in 1758 in Nepa, is a member of the belostomatid genus

currently known as Lethocerus.

4. As I have already pointed out elsewhere (Menke, 1976:169), Gistel's generic name has gone unused since it was published except for its inclusion in nomenclators such as "Index Animalium," "Nomenclator Zoologicus" and Schulze, Kukenthal

et al. "Nomenclator Animalium Gernerum et Subgenerum." Lethocerus, on the other hand, has been used by many authors in a variety of papers (taxonomic, biological, morphological, physiological etc.) since Kirkaldy (1908:164) noted its priority over other names. Furthermore, Lethocerus is the type-genus of the subfamily LETHOCERINAE (Lauck & Menke, 1961:646). To satisfy the requirements of Art. 79(b) the following authors are cited as proof of this widespread usage of Lethocerus: Hungerford (1920:148), Möller (1921:43), De Carlo, (1930:196, 1964:337), Hoffmann (1931:661), Cummings (1933:198), Rankin (1935:479), Picado (1937:303), Herring (1951:157), Menke (1960:285, 1963:261), Lauck & Menke (1961:647), Brooks & Kelton (1967:38), Parsons (1968:349), Tawfik (1970:299), Popov (1971:112) and Nieser (1975:120). This list is by no means exhaustive.

5. In view of the foregoing the International Commission on

Zoological Nomenclature is asked to take the following action:

(1) Use its plenary powers to suppress the generic name *Iliastus* Gistel [1847] and 1848 (as well as the 1851 reprint) for the purposes of the Law Priority but not for those of the Law of Homonymy;

2) Place the following name on the Official List of

Generic Names in Zoology:

 (a) Lethocerus Mayr, 1853, (gender masculine), typespecies Lethocerus cordofanus Mayr, 1853, by monotypy;

(3) Place the following name on the Official List of

Specific Names in Zoology:

 (a) cordofanus Mayr, 1853, as published in the binomen Lethocerus cordofanus (the specific name of the type-species of Lethocerus Mayr, 1853);

(4) Place the following generic name on the Official Index

of Rejected and Invalid Names in Zoology;

(a) Iliastus Gistel, [1847], 1848 and 1851, (Suppressed under the plenary powers in (1) above).

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